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... we can definitively say that certain code- book choices are ... onto rays in the input space rather than on ... Bottom row: proposed codebook output sequence for each ...

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... possible reconstruction vectors is called a reconstruction codebook and its ... norm and is known as the Mahalanobis distance ... 7.4 Radial-basis neural networks (RBNN ...

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TW Rauber, MM Barata, A Steiger-Garção - First Brazilian Symposium on Neural Networks, 1994 - [inf.ufes.br](#)

... is associated to a set of codebook vectors that ... distance, Matusita distance, Divergence, Mahalanobis distance, Patrick ... interfaces to two other neural network pro ...

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... most (also known as the codebook labeling phase ... but also whether too few neurons have been ... classifier; (b) SOM Commitment; (c) Mahalanobis typicality classifier ...

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... 5 and 6]. First, the SOM codebook vectors model ... as a function of the hidden neurons for the ... types of preprocessing (eg using the Mahalanobis distance between ...

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N Tsuruta, R Taniguchi, M Amamiya - Systems and Computers in Japan, 2000 - [doi.wiley.com](#)

... instead the Euclidean distance and "Mahalanobis distance" between ... neuron D2: number of neuron groups/category ... of sample data using the code-book density. ...

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... divide up space using circles or (more generally) hyperspheres, which ... topology and it can be trained must faster [39 ... MRAN allows hidden neurons to be added or ...

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... performs a kind of clustering with preserving the topology of the ... 3. Robust Mahalanobis distances put against ordinary Mahalanobis distances ... 'codebook vectors ...

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